

N/A

1643

PAGE: 1

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/290,049

DATE: 06/22/1999
TIME: 17:09:38

Input Set: I290049.RAW

This Raw Listing contains the General Information
Section and up to first 5 pages.

ENTERED

RECEIVED
APR 10 2000
TECH CENTER 1600/2900

1 <110> APPLICANT: Smith, Daniel J.
2 Taubman, Martin A.
3 <120> TITLE OF INVENTION: SYNTHETIC PEPTIDE VACCINES FOR DENTAL
4 CARRIES
5 <130> FILE REFERENCE: FDC98-01p2A
6 <140> CURRENT APPLICATION NUMBER: US/09/290,049
7 <141> CURRENT FILING DATE: 1999-04-12
8 <150> EARLIER APPLICATION NUMBER: 60/081,550
9 <151> EARLIER FILING DATE: 1998-04-13
10 <150> EARLIER APPLICATION NUMBER: 60/115,142
11 <151> EARLIER FILING DATE: 1999-01-08
12 <160> NUMBER OF SEQ ID NOS: 19
13 <170> SOFTWARE: FastSEQ for Windows Version 3.0
14 <210> SEQ ID NO 1
15 <211> LENGTH: 21
16 <212> TYPE: PRT
17 <213> ORGANISM: Artificial Sequence
18 <220> FEATURE:
19 <223> OTHER INFORMATION: EAW peptide
20 <400> SEQUENCE: 1
21 Ala Asn Asp His Leu Ser Ile Leu Glu Ala Trp Ser Asp Asn Asp Thr
22 1 5 10 15
23 Pro Tyr Leu His Asp
24 20
25 <210> SEQ ID NO 2
26 <211> LENGTH: 20
27 <212> TYPE: PRT
28 <213> ORGANISM: Artificial Sequence
29 <220> FEATURE:
30 <223> OTHER INFORMATION: HDS peptide
31 <400> SEQUENCE: 2
32 Val Pro Ser Tyr Ser Phe Ile Arg Thr Ala His Asp Ser Glu Val Gln
33 1 5 10 15
34 Asp Leu Ile Ala
35 20
36 <210> SEQ ID NO 3
37 <211> LENGTH: 22
38 <212> TYPE: PRT
39 <213> ORGANISM: Artificial Sequence
40 <220> FEATURE:
41 <223> OTHER INFORMATION: GLB peptide
42 <400> SEQUENCE: 3
43 Thr Gly Ala Arg Thr Ile Asn Gly Gln Leu Leu Tyr Phe Arg Ala Asn
44 1 5 10 15

PAGE: 2

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/290,049DATE: 06/22/1999
TIME: 17:09:38

Input Set: I290049.RAW

45 Gly Val Gln Val Lys Gly

46 20

47 <210> SEQ ID NO 4

48 <211> LENGTH: 15

49 <212> TYPE: PRT

50 <213> ORGANISM: Artificial Sequence

51 <220> FEATURE:

52 <223> OTHER INFORMATION: MAC peptide

53 <400> SEQUENCE: 4

54 Pro Gln Trp Asn Gly Glu Ser Glu Lys Pro Tyr Asp Asp His Leu

55 1 5 10 15

56 <210> SEQ ID NO 5

57 <211> LENGTH: 15

58 <212> TYPE: PRT

59 <213> ORGANISM: S. mutans

60 <400> SEQUENCE: 5

61 Ser Ala Trp Asn Ser Asp Ser Glu Arg Pro Phe Asp Asp His Leu

62 1 5 10 15

63 <210> SEQ ID NO 6

64 <211> LENGTH: 15

65 <212> TYPE: PRT

66 <213> ORGANISM: S. mutans

67 <400> SEQUENCE: 6

68 Ser Ala Trp Asn Ser Asp Ser Glu Lys Pro Phe Asp Asp His Leu

69 1 5 10 15

70 <210> SEQ ID NO 7

71 <211> LENGTH: 15

72 <212> TYPE: PRT

73 <213> ORGANISM: S. mutans

74 <400> SEQUENCE: 7

75 Pro Asn Trp Asn Ser Gln Thr Glu Ser Asp Thr Ser Ala Gly Glu

76 1 5 10 15

77 <210> SEQ ID NO 8

78 <211> LENGTH: 15

79 <212> TYPE: PRT

80 <213> ORGANISM: S. downei

81 <400> SEQUENCE: 8

82 Pro Gln Trp Asn Gly Glu Ser Glu Lys Pro Tyr Asp Asp His Leu

83 1 5 10 15

84 <210> SEQ ID NO 9

85 <211> LENGTH: 15

86 <212> TYPE: PRT

87 <213> ORGANISM: S. sobrinus

88 <400> SEQUENCE: 9

89 Pro Gln Trp Asn Gly Glu Ser Glu Lys Pro Tyr Asp Asp His Leu

90 1 5 10 15

91 <210> SEQ ID NO 10

92 <211> LENGTH: 21

93 <212> TYPE: PRT

94 <213> ORGANISM: S. mutans

RECEIVED

APR 10 1999

TECH CENTER 1600/2900

PAGE: 3

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/290,049DATE: 06/22/1999
TIME: 17:09:38

Input Set: I290049.RAW

```
95 <400> SEQUENCE: 10
96   Ala Asn Asp His Leu Ser Ile Leu Glu Ala Trp Ser Asp Asn Asp Thr
97       1             5             10             15
98   Pro Tyr Leu His Asp
99               20
100 <210> SEQ ID NO 11
101 <211> LENGTH: 21
102 <212> TYPE: PRT
103 <213> ORGANISM: S. mutans
104 <400> SEQUENCE: 11
105   Ala Ile Asn His Leu Ser Ile Leu Glu Ala Trp Ser Asp Asn Asp Pro
106       1             5             10             15
107   Gln Tyr Asn Lys Asp
108               20
109 <210> SEQ ID NO 12
110 <211> LENGTH: 21
111 <212> TYPE: PRT
112 <213> ORGANISM: S. downei
113 <400> SEQUENCE: 12
114   Ala Asn Asn His Val Ser Ile Val Glu Ala Trp Ser Asp Asn Asp Thr
115       1             5             10             15
116   Pro Tyr Leu His Asp
117               20
118 <210> SEQ ID NO 13
119 <211> LENGTH: 21
120 <212> TYPE: PRT
121 <213> ORGANISM: S. downei
122 <400> SEQUENCE: 13
123   Ala Ile Asp His Leu Ser Ile Leu Glu Ala Trp Ser Gly Asn Asp Asn
124       1             5             10             15
125   Asp Tyr Val Lys Gln
126               20
127 <210> SEQ ID NO 14
128 <211> LENGTH: 21
129 <212> TYPE: PRT
130 <213> ORGANISM: S. sobrinus
131 <400> SEQUENCE: 14
132   Ala Asn Asn His Val Ser Ile Val Glu Ala Trp Ser Asp Asn Asp Thr
133       1             5             10             15
134   Pro Tyr Leu His Asp
135               20
136 <210> SEQ ID NO 15
137 <211> LENGTH: 22
138 <212> TYPE: PRT
139 <213> ORGANISM: S. mutans
140 <400> SEQUENCE: 15
141   Val Pro Ser Tyr Ser Phe Ile Arg Ala His Asp Ser Glu Val Gln Asp
142       1             5             10             15
143   Leu Ile Arg Asn Ile Ile
144               20
```

PAGE: 4

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/290,049DATE: 06/22/1999
TIME: 17:09:38

Input Set: I290049.RAW

```
145 <210> SEQ ID NO 16
146 <211> LENGTH: 22
147 <212> TYPE: PRT
148 <213> ORGANISM: S. mutans
149 <400> SEQUENCE: 16
150 Met Ala Asn Tyr Ile Phe Ile Arg Ala His Asp Ser Glu Val Gln Thr
151      1              5              10              15
152 Val Ile Ala Lys Ile Ile
153              20
154 <210> SEQ ID NO 17
155 <211> LENGTH: 22
156 <212> TYPE: PRT
157 <213> ORGANISM: S. downei
158 <400> SEQUENCE: 17
159 Val Pro Ser Tyr Ser Phe Ala Arg Ala His Asp Ser Glu Val Gln Asp
160      1              5              10              15
161 Leu Ile Arg Asp Ile Ile
162              20
163 <210> SEQ ID NO 18
164 <211> LENGTH: 22
165 <212> TYPE: PRT
166 <213> ORGANISM: S. downei
167 <400> SEQUENCE: 18
168 Val Pro Asn Tyr Val Phe Ile Arg Ala His Asp Ser Glu Val Gln Thr
169      1              5              10              15
170 Arg Ile Ala Lys Ile Ile
171              20
172 <210> SEQ ID NO 19
173 <211> LENGTH: 22
174 <212> TYPE: PRT
175 <213> ORGANISM: S. sobrinus
176 <400> SEQUENCE: 19
177 Val Pro Ser Tyr Ser Phe Ala Arg Ala His Asp Ser Glu Val Gln Asp
178      1              5              10              15
179 Ile Ile Arg Asp Ile Ile
180              20
```

PAGE: 5

VERIFICATION SUMMARY
PATENT APPLICATION US/09/290,049

DATE: 06/22/1999
TIME: 17:09:38

Input Set: I290049.RAW

Line ? Error/Warning

Original Text
